

## Author index for Volume 33

	number	page
1. Adams, C. G.— <i>On the classification of the Lepidocyclodinidae (Foraminifera) with redescrptions of the unrelated Paleocene genera Actinosiphon and Orbitosiphon</i>	4	289
2. Announcement— <i>First International Conference on Radiolaria, Marburg, West Germany, 1988</i>	3	241
Aubry, M-P.—see: Berggren, W. A., and Aubry, M-P.		
Baker, Mary B.—see: Seiglie, George A., and Baker, Mary B.		
3. Berggren, W. A., and Aubry, M-P.— <i>Review: Plankton stratigraphy by H. M. Bolli, J. B. Saunders, and K. Perch-Nielsen, Eds.</i>	1	87
4. Boltovskoy, Demetrio— <i>Sedimentary record of radiolarian biogeography in the equatorial to antarctic western Pacific Ocean</i>	3	267
5. Boltovskoy, Demetrio— <i>Review: Raiolyariyevi analiz (Radiolaria analysis) by Maria G. Petrushevskaya</i>	4	378
Bradbury, J. Platt—see: Theriot, Edward, and Bradbury, J. Platt		
6. Brönnimann, Paul— <i>On the chamber arrangement and other morphological aspects of Canepaia Boltovskoy 1961</i>	3	242
Bujak, Jonathan P.—see: Matsuoka, Kazumi, Bujak, Jonathan P., and Shimazaki, Togo		
7. Burckle, Lloyd H.— <i>Diatom distribution in the Weddell Gyre region during late winter</i>	2	177
8. Burckle, Lloyd H., and Cirilli, Jerome— <i>Origin of diatom ooze belt in the Southern Ocean: Implications for late Quaternary paleoceanography</i>	1	82
9. Burckle, Lloyd H., Jacobs, Stanley S., and McLaughlin, Robert B.— <i>Late austral spring diatom distribution between New Zealand and the Ross Ice Shelf, Antarctica: Hydrographic and sediment correlations</i>	1	74
Cirilli, Jerome—see: Burckle, Lloyd H., and Cirilli, Jerome		
Drugg, W. S.—see: Zotto, M., Drugg, W. S., and Habib, D.		
10. Farley, Martin B.— <i>Palynomorphs from surface water of the eastern and central Caribbean Sea</i>	3	254
Gaines, Gregory—see: Sarjeant, William A. S., Lacalli, Thurston, and Gaines, Gregory		
Geroch, Stanislaw—see: Kaminski, Michael A., and Geroch, Stanislaw		
11. Gourmelon, Françoise— <i>Revision of the genus Pylentonema Deflandre 1963 and its lower Carboniferous species from Montagne Noire, France</i>	3	282
Habib, D.—see: Zotto, M., Drugg, W. S., and Habib, D.		
Jacobs, Stanley S.—see: Burckle, Lloyd H., Jacobs, Stanley S., and McLaughlin, Robert B.		
12. Kaminski, Michael A., and Geroch, Stanislaw— <i>Two new species of Phenacophragma from the Paleogene of Trinidad and Poland</i>	2	185
Katz, Miriam E.—see: Miller, Kenneth G., and Katz, Miriam E.		
13. Kontrovitz, Mervin— <i>Ocular sinuses in some modern and fossil species of Echinocythereis (Ostracoda)</i>	1	93
Lacalli, Thurston—see: Sarjeant, William A. S., Lacalli, Thurston, and Gaines, Gregory		
Lau, K.-Y.—see: Reidel, W. R., Lau, K.-Y., Somerville, R. S., and Tway, L. E.		
14. Leckie, R. Mark— <i>Paleoecology of mid-Cretaceous planktonic foraminifera: A comparison of open ocean and Epicontinental Sea assemblages</i>	2	164
15. Maddocks, Rosalie F., and Steineck, P. Lewis— <i>Ostracoda from experimental wood-island habitats in the deep sea</i>	4	318
16. Matsuoka, Kazumi, Bujak, Jonathan P., and Shimazaki, Togo— <i>Late Cenozoic dinoflagellate cyst biostratigraphy from the west coast of northern Japan</i>	3	214

McLaughlin, Robert B.—see: Burckle, Lloyd H., Jacobs, Stanley S., and McLaughlin, Robert B.		
17. Miller, Kenneth G., and Katz, Miriam E.— <i>Oligocene to Miocene benthic and abyssal circulation changes in the North Atlantic</i>	2	97
18. Nazarov, Boris B., and Ormiston, Allen R.— <i>A new Carboniferous radiolarian genus and its relation to the multishelled entactiniids</i>	1	66
Ormiston, Allen R.—see: Nazarov, Boris B., and Ormiston, Allen R.		
19. Reidel, W. R., Lau, K.-Y., Somerville, R. S., and Tway, L. E.— <i>Measuring the surface topography of microfossils</i>	2	189
20. Sancetta, Constance— <i>Three species of Coscinodiscus Ehrenberg from North Pacific sediments examined in the light and scanning electron microscopes</i>	3	230
21. Sarjeant, William A. S., Lacalli, Thurston, and Gaines, Gregory— <i>The cysts and skeletal elements of dinoflagellates: speculations on the ecological causes for their morphology and development</i>	1	1
22. Seiglie, George A., and Baker, Mary B.— <i>Duquepsammiidae, a new family, and Duquepsammia, a new genus of agglutinated foraminifers</i>	3	263
23. Severin, Kenneth P.— <i>Spatial and temporal variation of Marginopora vertebralis on seagrass in Papua New Guinea during a six week period</i>	4	368
24. Sohn, I. G.— <i>The ubiquitous ostracode Darwinula stevensoni (Brady and Robertson, 1870), redescription of the species and lectotype designation</i>	2	150
Somerville, R. S.—see: Reidel, W. R., Lau, K.-Y., Somerville, R. S., and Tway, L. E.		
Steineck, P. Lewis—see: Maddocks, Rosalie F., and Steineck, P. Lewis		
25. Taxonomic Note— <i>Conservation of G. cerroazulensis by suppression of G. applanata</i>	4	382
26. Theriot, Edward, and Bradbury, J. Platt— <i>Mesodictyon, a new fossil genus of the centric diatom family Thalassiosiraceae from the Miocene Chalk Hills Formation, western Snake River Plain</i>	4	356
Tway, L. E.—see: Reidel, W. R., Lau, K.-Y., Somerville, R. S., and Tway, L. E.		
27. Williamson, M. A.— <i>A quantitative foraminiferal biozonation of the Late Jurassic and Early Cretaceous of the East Newfoundland Basin</i>	1	37
28. Zotto, M., Drugg, W. S., and Habib, D.— <i>Kimmeridgian dinoflagellate stratigraphy in the southwestern North Atlantic</i>	3	193

# Subject index for Volume 33

NOTE: Names of new taxa are set in **bold-face** type. Numbers refer to papers listed in the author index.

- Abyssal circulation changes
  - Oligocene to Miocene
  - North Atlantic, 17
- Announcements
  - Radiolaria
  - Marburg conference, 2
- Antarctica, Ross Ice Shelf
  - Diatom distribution, 9
  - Sediment correlation, 9
- Brazilian Shelf
  - Biostratigraphy
  - Canepaia, 6
- Carboniferous
  - Radiolaria
  - Entactiniids, relation to, 18
- Carboniferous, lower
  - France, Montagne Noire
  - Radiolaria, 11
- Cenozoic, Late
  - Dinoflagellate, cysts
  - Northern Japan, west coast, 16
- Cretaceous, Early
  - Foraminiferal biozonation
  - East Newfoundland Basin, 27
- Darwinula stevensoni* (Brady and Robertson, 1870)
  - Redescription, 24
  - Lectotype designation, 24
- Diatom distribution
  - Weddell Gyre region, 7
- Diatoms
  - Coscinodiscus marginatus*, 20
  - Coscinodiscus oculus-iridis*, 20
  - Coscinodiscus radiatus*, 20
  - Idaho, Snake River Plain, 26
  - Mesodictyon*, 26
  - Mesodictyon foveis*, 26
  - Mesodictyon magnum*, 26
  - Mesodictyon undulatum*, 26
  - Miocene, Chalk Hills, 26
  - New Zealand
  - North Pacific
  - Coscinodiscus Ehrenberg*, 20
  - Ross Ice Shelf
    - Correlations, 9
    - Distribution, 9
  - Southern Ocean
    - Late Quaternary paleoceanography, 8
    - Ooze belt, origins, 8
  - Thalassiosiraceae, 26
- Dinoflagellates
  - Achomosphaera callosa* Oppel-Zone, 16
  - Amphorula*, 28
  - Amphorula dodekova*, 28
  - Atlantodinium*, 28
  - Atlantodinium jurassicum*, 28
  - Capillicysta*, 16
  - Capillicysta applanata*, 16
  - Capillicysta fusca*, 16
  - Capillicysta fusca* Oppel Zone, 16
- Cenozoic, Late
  - Northern Japan, west coast, 16
- Cysts
  - Cystonemy, 21
  - Ecological causes, 21
  - Flotation, 21
  - Loisthocyst, 21
  - Morphology, 21
  - Motonomy, 21
  - Predation, endoparasitism, 21
  - Sinking Rate, 21
- Diphyes latiusculum* Oppel-Zone, 16
- Kimmeridgian
  - North Atlantic, southwestern, 28
- Meiourugonyaulax bejuii*, 28
- Miocene to Holocene
  - Zonation, 16
- Operculodinium centrocarpum Oppel-Zone, 16
- Zonation, 16
- Entactiniids
  - Radiolaria, relation to, 18
- Foraminifera
  - Actinosiphon*, 1
  - Actinosiphon semmesi*, 1
  - Actinosiphonidae*, 1
  - Canepaia*, 6
  - Canepaia brasiliensis*, 6
  - Canepaiinae*, 6
  - Duqupsammia*, 22
  - Duqupsammia cubensis*, 22
  - Duqupsammidae*, 22
  - Lepidocyclina*, 1
  - Lepidocyclinidae*, 1
  - Marginopora vertebralis*, 23
  - Oligocene to Miocene
  - North Atlantic, 17
  - Orbitosiphon*, 1
  - Orbitosiphon praepunjabensis*, 1
  - Paleocene, 1
  - Paleogene
    - Poland, 12
    - Trinidad, 12
  - Papua New Guinea, seagrass flats
  - Recent, 23
  - Phenacophragma beckmanni*, 12
  - Phenacophragma elegans*, 12
  - Variation, Spatial and temporal, 23
- Foraminifera, planktonic
  - Mid-Cretaceous
  - Paleoecology, 14
- Foraminifera, RASC biozonation
  - Early Cretaceous
  - East Newfoundland, 27
  - Late Jurassic
  - East Newfoundland, 27
- France, Montagne Noire
  - Carboniferous, lower
  - Radiolaria, 11
- Globigerina applanata*
  - Taxonomic Note, 25
- Globigerina cerroazulensis*
  - Taxonomic Note, 25
- Idaho, Snake River Plain
  - Miocene Chalk Hills
  - Diatoms, 26
- Jurassic, Late
  - Foraminiferal biozonation
  - East Newfoundland Basin, 17
- Kimmeridgian
  - Dinoflagellate
  - North Atlantic, southwestern, 28
- Marginopora vertebralis*
  - Variation, spatial and temporal
  - Papua New Guinea, 23
- Mesodictyon*, 26
- Mid-Cretaceous
  - Foraminifera, planktonic
  - Paleoecology, 14
- Miocene
  - North Atlantic
    - Abyssal Circulation changes, 17
    - Benthic foraminifera changes, 17
  - Idaho
    - Diatoms, 26
  - Newfoundland Basin, East
    - Foraminiferal biozonation
    - Early Cretaceous, 27
    - Late Jurassic, 27
  - New Zealand
    - Diatom distribution, 9
    - Sediment correlation, 9
  - North Atlantic
    - Oligocene to Miocene
      - Abyssal circulation changes, 17
      - Benthic foraminifera changes, 17
    - North Atlantic, southwestern
      - Kimmeridgian
      - Dinoflagellates, 28
  - Ocular sinuses
    - Echinocythereis, 13
  - Oligocene
    - North Atlantic
      - Abyssal circulation changes, 17
      - Benthic foraminifera changes, 17
- Ostracoda
  - Cytherois lignicola*, 15
  - Cytherois paralignicola*, 15
  - Deep sea
    - Wood-island habitats, 15
  - Echinocythereis*
    - Ocular sinuses, 13
  - Eucytherurinae*, 15
  - Paradoxostoma species I*, 15
  - Paradoxostoma turnerae*, 15
  - Parapontoparta spicacarens*, 15
  - Propontocypris (Propontocypris) excusa*, 15
  - Propontocypris (Propontocypris) sectilis*, 15
  - Xylocythere*, 15

*Xylocythere pointillissima*, 15  
*Xylocythere rimosa*, 15  
*Xylocythere tridentis*, 15  
*Xylocythere turnerae*, 15  
 Pacific Ocean, equatorial to antarctic  
   Biogeography  
     Radiolaria, 4  
 Paleocyanography  
   Late Quaternary  
     Diatom ooze belt, origins, 8  
 Paleocene  
   Foraminifera  
     *Actinosiphon*, 1  
     *Lepidocyclinidae*, 1  
     *Orbitosiphon*, 1  
 Paleocology  
   Mid-Cretaceous  
     Foraminifera, planktonic, 14  
 Paleogene  
   Poland, 12  
   Trinidad, 12  
 Palynology  
   Kimmeridgian  
     North Atlantic, southwestern, 28

Palynomorphs  
   Caribbean Sea, eastern and central  
     Surface water, 10  
   Correlations  
     Wind and water currents, 10  
     Sporomorph concentrations, 10  
   Papua New Guinea, seagrass flats  
     Foraminifera, 23  
 Poland  
   Paleogene, 12  
 Radiolaria  
   Biogeography  
     Pacific Ocean, equatorial to ant-  
       arctic 4  
   Carboniferous  
     Entactiniids, relation to, 18  
   Carboniferous, lower  
     France, Montagne Noire, 11  
   France, Montagne Noire  
     Carboniferous, lower, 11  
   Pacific Ocean  
     biogeography, 4  
   *Provisocyntra*, 18  
   *Provisocyntra amplissima*, 18

*Provisocyntra gigantea*, 18  
*Provisocyntra pskemensis*, 18  
*Provisocyntra tenuitomenta*, 18  
*Pylentonema*, 11  
*Pylentonema mendax*, 11  
*Pylentonema prudentigerum*, 11  
 Reviews  
   Plankton Stratigraphy, by Bolli, Saun-  
     ders and Perch-Nielsen, 3  
   Raiolyarivi analiz (Radiolaria analy-  
     sis) by Maria G. Petrushevskaya, 5  
 Southern Ocean  
   Diatom ooze belt  
     Late Quaternary, 9  
 Taxonomic Note  
   *Globigerina applanata*, 25  
   *Globigerina cerroazulensis*, 25  
 Trinidad  
   Paleogene, 12  
 Weddell Gyre region  
   Diatom distribution  
     Late winter, 7

#### TAXONOMIC NOTE

For the benefit of our readers: By opinion 1316 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature, Volume, 42, part 2, June 1985, page 167), the name *Globigerina cerroazulensis* Cole 1928 is conserved by suppression of *Globigerina applanata* Hantken 1883. *Globigerina tropicalis* Blow and Banner 1962 is conserved by suppression of *Globigerina globosa* Hantken 1883.

#### CORRECTIONS

In Volume 33, Number 1, page 88, a review of "Plankton Stratigraphy" by Bolli, Saunders, and Perch-Nielsen cites Toumarkaine and Bolli as the authors of Chapter 5. The authors of Chapter 5 are Toumarkaine and Hanspeter Luterbacher.

In Volume 33, Number 2, page 151, Table 1, line 10, read "dictyota" for "dictiota" and on line 20 read "Praesuchonella" for "Praesuchonella."

